FIG. 1

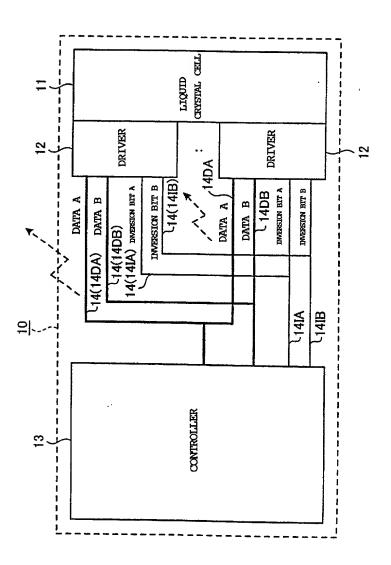
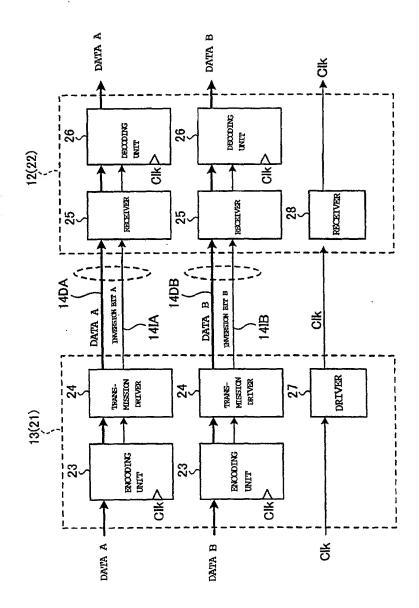
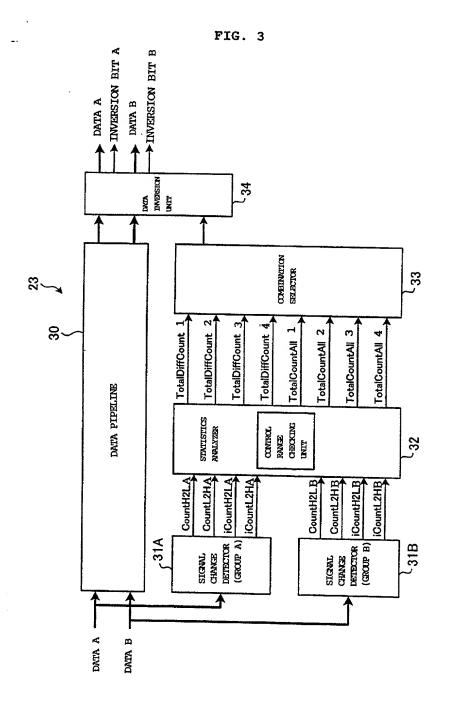
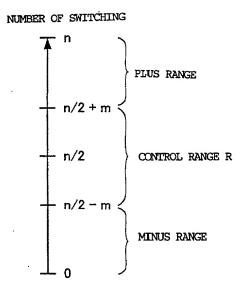


FIG. 2







GROUP A	GROUP B	PROCESSING
IN RANGE	IN RANGE	□ (1)
OUT OF RANGE	OUT OF RANGE	□ (II)
IN RANGE	OUT OF RANGE	□ (III)
OUT OF RANGE	IN RANGE	(m)

FIG. 5

COMBINATION GROUP A	GROUP A			GROUP B		
Н	Normal	Normal CountH2LA, CountL2HA	CountL2HA	Normal	Normal CountH2LB, CountL2HB	CountL2HB
2	Normal	Normal CountH2LA, CountL2HA	CountL2HA	lnv VuI	iCountH2LB, iCountL2HB	iCountL2HB
ო	lu v	iCountH2LA, iCountL2HA	iCountL2HA	Normal	Normal CountH2LB, CountL2HB	CountL2HB
4	lu N	iCountH2LA, iCountL2HA	iCountL2HA	vi L	iCountH2LB, iCountL2HB	iCountL2HB

COMBINATION	COMBINATION TotalDiffCount	TotalCountAll
H	DiffCountA + DiffCountB	DiffCountA + DiffCountB CountH2LA + CountL2HA + CountL2HB
2	DiffCountA + iDiffCountB	DiffCountA + iDiffCountB CountH2LA + CountL2HA + iCountH2LB + iCountL2HB
ო	iDiffCountA + DiffCountB	iDiffCountA + DiffCountB iCountH2LA + iCountL2HA + CountH2LB + CountL2HB
4	iDiffCountA + iDiffCountB	 DiffCountA +

FIG. 7

GROUP A GROUP B AB Total

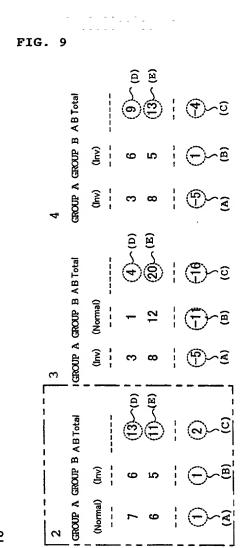
<case1>

CountH2L CountL2H iCountH2L

iCountL2H

G.	8	· . :	: : : -		- I		
	ABTotal I	-	(13)~(n)	(E) (E) (O)		(~ე
	EROUP B	-	0	***	1	6	~(B)
4	GROUP A	(Inv)	ო	φ	1	9	~€
			(4)~(D)	(ZO)~(E)	1	(F)	 ∽g
	GROUP B		-	12	!	()	∕ (g)
က	GROUP A	(Inv)	က	œ	! !	4	⁄ €
	AB Total]]]]	(1)~(a)~(L)	$(7)^{\sim (E)}$!	@	∕ຍ
	GROUP B	(Inv)	10	*-	1	<u></u>	∕ (<u>a</u>
2	GROUP A	(Normal)	7	9	! !	\odot	^€
	AB Total	3 1 1 1	(a)~(a)	(18)~(E)	; ;	(F)	~ ⊙
	SROUP B	(Normal)	-	12	1	(T)	(B)
н	GROUP A ((Normal)	7	9	1 1	Θ-	(A)
	1 2 3 4		GROUP A GROUP B ABTotal GROUP A GROUP B ABTotal (Inv) (Inv) (Inv) (Inv) (Inv)	2 3 4	2 GROUP A GROUP B ABTotal (Normal) (finy) (Normal) (finy) (Inv) (Normal) (Inv) (finy) (Inv) (f	2 3 4 6 7 10 (17)~(D) 3 1 (Inv) (Normal) (Inv) (17)~(E) 8 12 (20)~(E) 8 1 (9)~(E) 6 1 (7)~(E) 8 12 (20)~(E) 8 1 (9)~(E) 8 1 (9	2 GROUP A GROUP B AB Total (Normal) (Inv) (Normal) (Inv) (Normal) (Inv) (Inv) (Normal) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (Inv) (In

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GROUP A GROUP B ABTotal

(Normal) (Normal)

<case2>

GROUP A GROUP B ABTotal

iCountH2L iCountL2H

CountH2L CountL2H

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17	T	G		10
r	ᅩ	u	•	ΤŲ

33	GROUP A GROUP BAB Total GROUP A GROUP B AB Total	(Inv) (Normal) (Inv) (Inv)	b) 10 1 (1) (1) (1) 6 (1) (1)	1 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	B AB Total	-		(a)	1	·	<u></u>
	GROUP	(Norma	-	12	1	(E)~	(B)
က	GROUP 2	(Inv)	9	-	1	⊚ ∽	€
1			â	(P)			_
	A B Total	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(a)~(b)		1	@> <u>`</u>	ပ
	ROUP B ABTotal	1	6 (3)~(1 1 1		(၁) (၉)
2	GROUP A GROUP B ABTotal	1	9 1			○	_
2		(Normal) (lnv)	(B) 6 / (B) 6		1 1	○	(B)
2	GROUP A GROUP BAB Total GROUP A GROUP BAB Total	(Normal) (Inv)	9 1				(A) (B) (

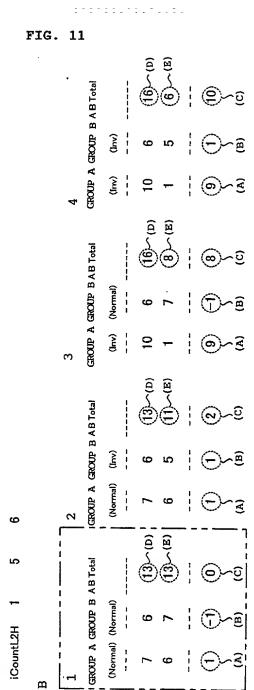
<case3>

Ą

GROUP A GROUP B ABTotal

CountL2H iCountH2L iCountL2H

CountH2L



<case4>

ø

GROUP A GROUP B ABTotal

13

iCountH2L

CountH2L CountL2H

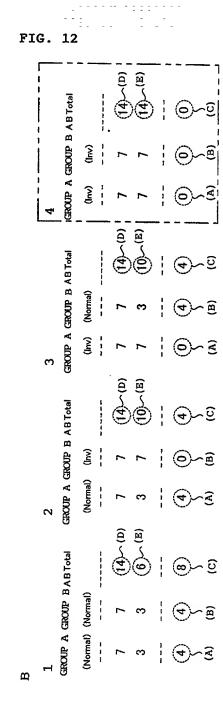
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GROUP A GROUP B ABTotal

<case5>

CountH2L

CountL2H iCountH2L iCountl.2H



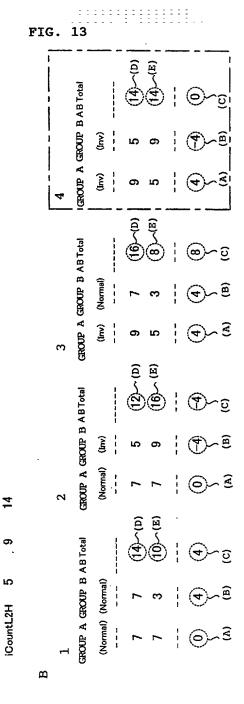
GROUP A GROUP B AB Total

<case6>

Ø

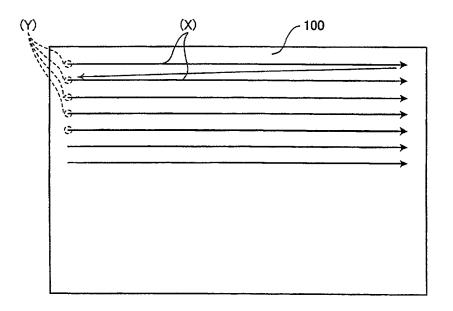
iCountH2L

CountH2L CountL2H



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FIG. 14



		Group 1	Group 2		Group i	
Ø	Normal	CountH2L(1)	CountH2L(2)	:	CountH2L(j)	
		CountL2H(1)	CountL2H(2)	•	CountL2H(j)	
	Inverted	iCountH2L(1)) iCountH2L(2)	•	iCountH2L(j)	
		iCountL2H(1)) iCountL2H(2)		iCountL2H(j)	
ŵ	DiffCount(j)	= (j)	CountH2L(j) - CountL2H(j)	ountl.2	1(j)	
	iDiffCount(j)	= (j)	iCountH2L(j) - iCountL2H(j)	ount[2]	(<u>[</u>)	
ပ	TotalDiffCount(k)	ount(k) =	?DiffCount(1) + ?DiffCount(2)	DiffCoun	• +	· · + ?DiffCount(n)
Q	TotalCountAll(k)	:Ali(k) ==	?CountH2L(1) + ?CountL2H(1)	ountl2	1 (1)	
		+	?CountH2L(2) + ?CountL2H(2)	ountl_2	+(2)	
		+				
		+	?CountH2L(n) + ?CountL2H(n)	ountl_2	H(n)	
	where ? is	where? is blank or "i".				